

103805 to 103826. TRITICUM spp. Poaceae. Wheat.

From Australia. Seeds presented by S. L. Macindoe, plant breeder at the New England Experiment Farm, Glen Innes, New South Wales. Received October 17, 1933.

A collection of triticults which have proved very resistant to leaf rust under the conditions at the experiment farm in New South Wales. Introduced for the use of Department specialists. Received under the following varietal names:

103805 to 103825. TRITICUM AESTIVUM L. (T. vulgare Vill.). Common wheat.

103805. No. C 5347. *Baladi 26*.103806. No. C 5351. *Baladi 31*.103807. *Clarendon*.103808. No. C 5988. *H 44* × *Marquis 609*.103809. No. C 5985. *H 44* × *Marquis 592*.103810. No. C 5990. *H 44* × *Marquis 615*.103811. No. C 5983. *H 44* × *Marquis 586*.103812. No. C 6041. *Kenya* (crossbred).103813. No. C 5986. *Marquis 594* × *H 44*.103814. No. C 4610. *Marquis* × *Emmer*.103815. No. C 5090. *Marquis* × *Emmer 20*.103816. No. C 6284. *Marquis* × *Emmer*.103817. No. C 5085. *Marquis* × *Vernal Emmer 14*.103818. No. C 5976. *Pentad* × *Marquis 724*.103819. No. C 5978. *Pentad* × *Marquis 726*.103820. No. C 5979. *Pentad* × *Marquis 727*.103821. No. C 5981. *Pentad* × *Marquis 729*.103822. *Persian Black*.103823. No. C 8793. *Reward* × *H 44*.103824. *Theo*.103825. No. C 5084. *Vernal Emmer* × *Marquis 138*.

103826. TRITICUM DURUM Desf. Durum wheat.

Hodet form.

103827. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From the island of Malta. Seeds presented by J. Borg, superintendent, Office of Agriculture, Valletta. Received October 23, 1933.

A locally grown variety which has yellow flesh; introduced for the use of Department specialists.

103828 to 103830. PHOENIX spp. Phoenicaceae. Palm.

From Africa. Seeds presented by C. B. Taylor, botanist, Department of Agriculture, Zaria, Nigeria. Received October 27, 1933.

103828 to 103830—Continued.

103828. PHOENIX DACTYLIFERA L.

Dabino. Date palm. A cultivated palm over 30 feet high, with leaves 15 feet long. The inflorescence has a broad flattened spathe, and the edible fruits are 2 inches long.

103829. PHOENIX sp.

Kajinjiri fadama or *dabobin biri*. A wild palm found in the swamps around Zaria. The smooth stem, without any adhering old leaf bases, is 18 feet high, and the leaves are 7 feet long. The small edible fruits are less than an inch long, but the tree begins to fruit when only 6 years old and is said to live to be 100 unless damaged by wind or disease. The leaves are extensively used in mat weaving, and the stems are split and used for building purposes.

103830. PHOENIX sp.

Kajinjiri tudu or *kajinjiri daji*. A small wild palm found on the hills around Zaria, with a stem 6 feet high, covered with persistent old leaf bases. The leaves are about 4 feet long, and the small edible fruits are less than an inch in length. The tree begins fruiting when only 5 years old and is said to live over 100 years unless damaged by wind or disease. The leaves are extensively used for mat weaving, and the stem of the tree is split and used for building purposes.

103831 to 103833. TRITICUM AESTIVUM L. (T. vulgare Vill.). Poaceae. Common wheat.

From Brazil. Seeds presented through Reginald S. Castleman, American consul, Porto Alegre. Received October 30, 1933.

A collection of wheats, said to be immune from rust, developed at the Wheat Experiment Station at Bagé, which is maintained by the State Government of Rio Grande do Sul.

103831. M 12-32.

103832. *Trigo fronteira*.103833. *Trigo surpresa*.

103834 and 103835.

From India. Seeds grown in the Victoria Botanic Garden, Bombay, and presented through Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, Cuba, by F. G. Walsingham. Received October 30, 1933.

103834. BAUHINIA BRACHYCARPA Wall. Caesalpinaceae.

An erect tropical shrub with slender branches and heart-shaped roundish nine-ribbed leaves, cleft a third down into two obtuse lobes. The flowers are in short dense racemes, and the pod is over an inch long. Native to India.

103835. CASSIA RENIGERA Wall. Caesalpinaceae.

A tropical tree from the mountains of Burma, with compound leaves a foot long. The 30 to 40 obtuse oblong leaflets, 1½ inches long, are leathery and finely hairy below. The cylindrical pod is a foot in length.